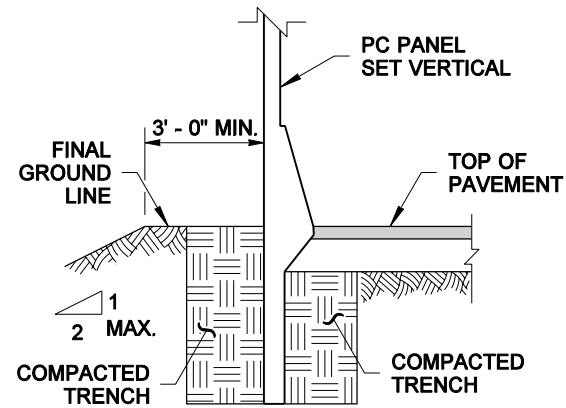


DRAWN BY: ADAM COCHRAN



**TRENCH FOOTING**  
SEE NOTE 3

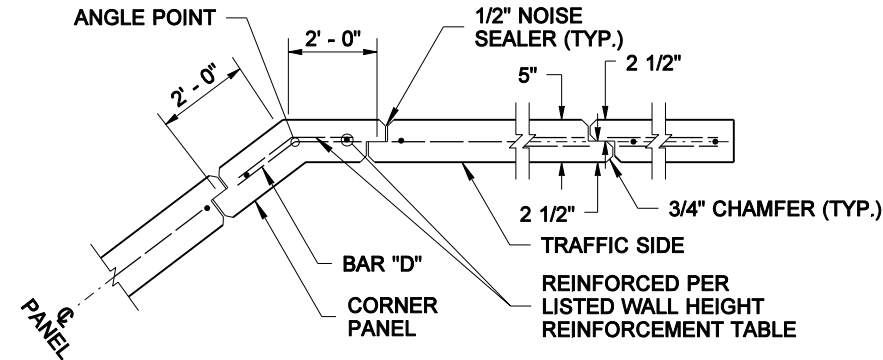
**1 HEIGHT MAY VARY IF REQUIRED TO PROVIDE A SMOOTH PROFILE CONSISTENT WITH THE ROADWAY PROFILE**

SOIL TYPE	
SOIL TYPE	ANGLE OF INTERNAL FRICTION $\phi$ (DEGREES)
D1	32
D2	38

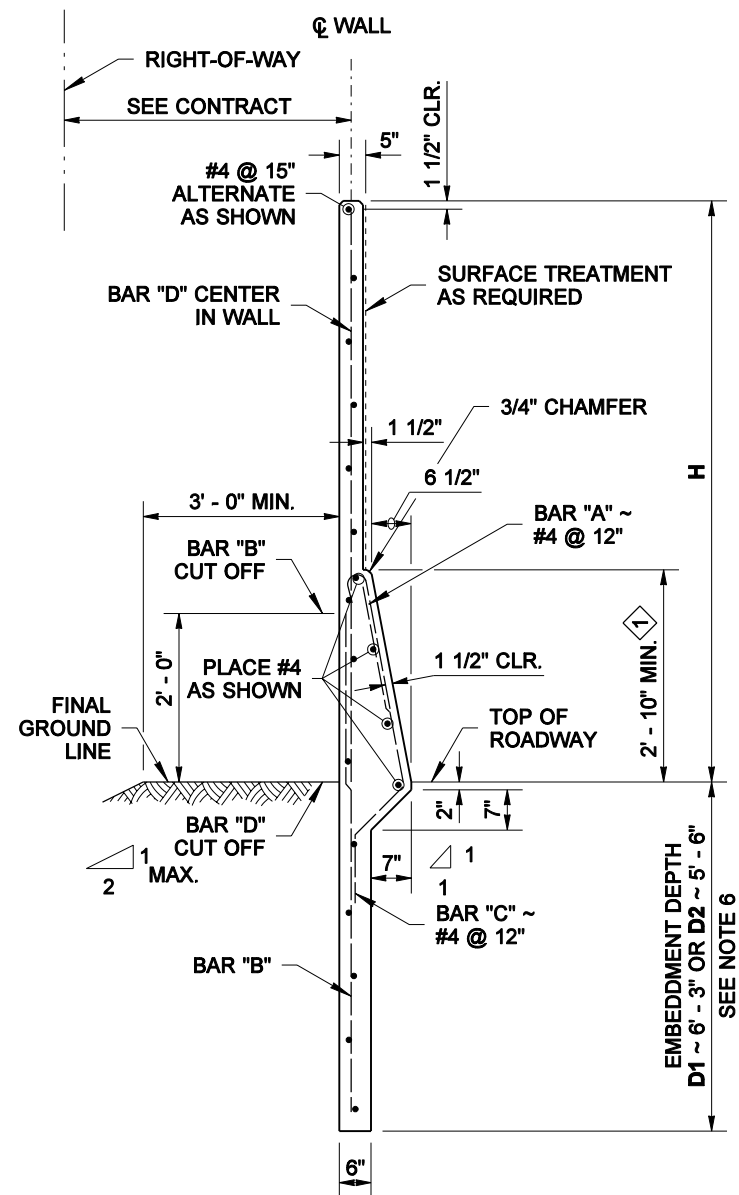
WIND EXPOSURE & VELOCITY		
NOISE BARRIER TYPE	WIND EXPOSURE	WIND VELOCITY (MPH)
12SSA	B1	80
12SSB	B1	90
12SSC	B2	80
12SSD	B2	90

## NOTES

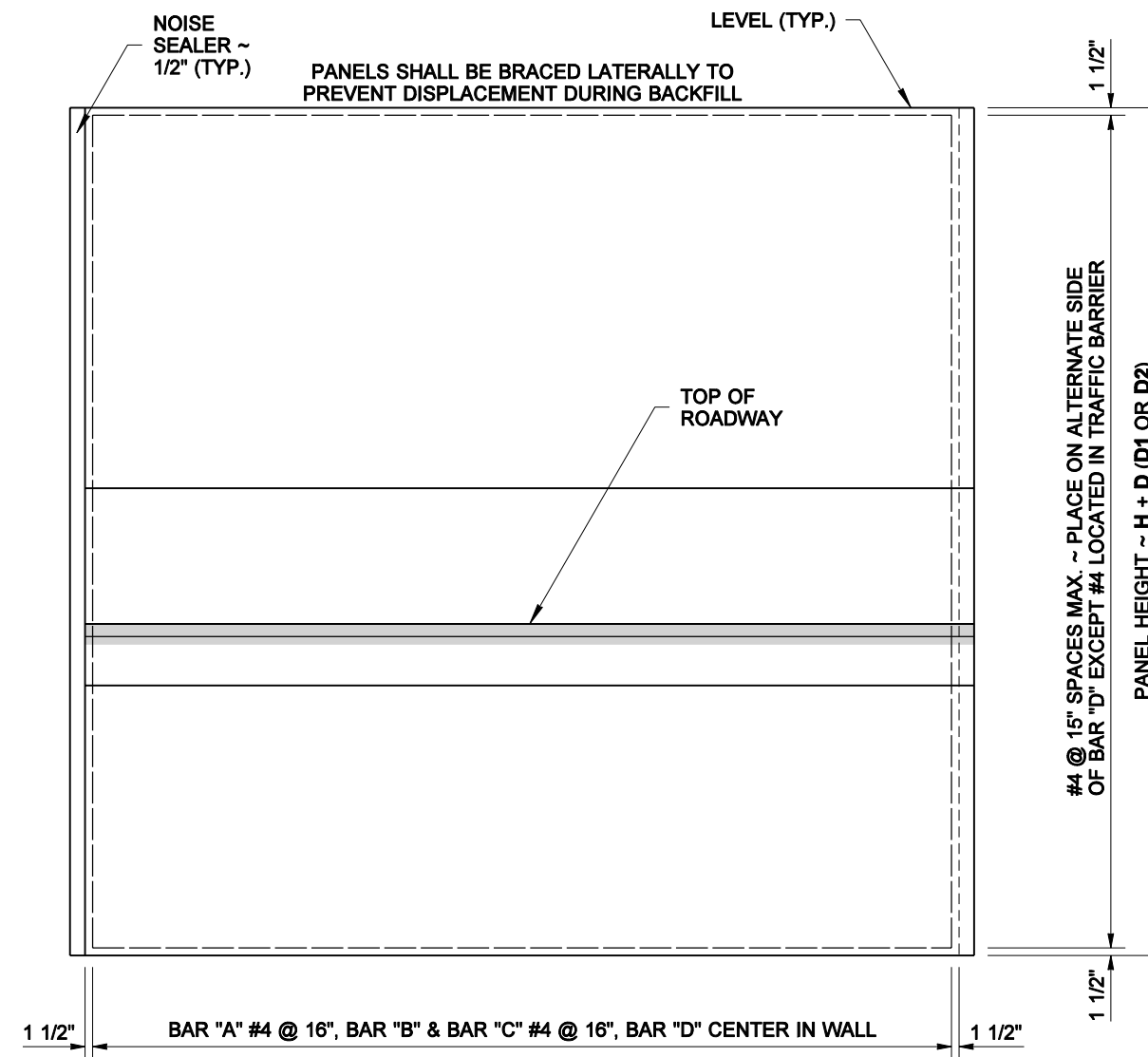
1. Wall to be designated Noise Barrier Wall Type 12SSA, 12SSB, 12SSC and 12SSD. The Contract specifies actual wall designation.
2. For intermediate wall heights, use the next higher H.
3. Compaction of trench height differential shall not exceed 1 foot.
4. Panels shall have at least 3 feet of level ground on each side.
5. All joints shall be in full contact and sealed.
6. The Contract specifies actual foundation requirements D1 or D2.



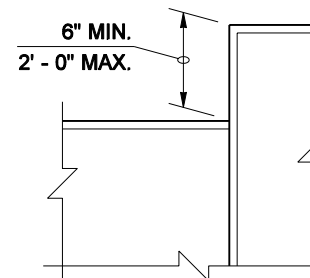
## JOINT AND CORNER DETAIL



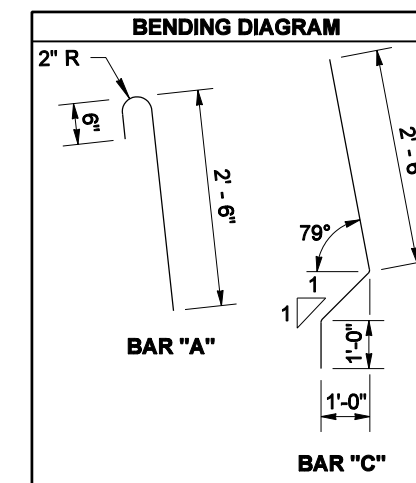
## TYPICAL SECTION



## ELEVATION



### STEP IN PANEL TOP



**NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.**

## PRECAST CONCRETE WALL W/ SINGLE SLOPE TRAFFIC BARRIER ON TRENCH FOOTING



EXPIRES AUGUST 23, 2006

**NOISE BARRIER WALL  
TYPE 12SS  
STANDARD PLAN D-2.40-00**

**SHEET 1 OF 1 SHEET**

APPROVED FOR PUBLICATION

**Harold J. Peterfeso 11-10-05**

**STATE DESIGN ENGINEER**

**DATE**

 Washington State Department of Transportation